INSTALLATION & USER INSTRUCTIONS

MULTIFLUE/CONVECTOR INSET GAS FIRE

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MODELS COVERED BY THESE INSTRUCTIONS

BLENHEIM MULTIFLUE **
LULWORTH MULTIFLUE† †
EXCELSIOR MULTIFLUE*
VOGUE *
AURA MULTIFLUE*
FINSBURY MULTIFLUE**
SOHO MULTIFLUE†
BI-FLAME*
HORIZON MULIFLUE† †
LANGHAM MULTIFLUE † †

GB IE

BS 7977-1 : 2009
BS EN 509 : 2000
KM579168

* AVAILABLE WITH MANUAL CONTROL ONLY
† AVAILABLE WITH MANUAL OR SLIDE CONTROL
† † AVAILABLE WITH MANUAL OR REMOTE CONTROL
** AVAILABLE WITH MANUAL, SLIDE CONTROL OR REMOTE CONTROL

MODEL SHOWN: BLENHEIM MULTIFLUE

Questions or problems with your appliance?

Don't take it back to the store

just give us a call on **01202 588601** we're here to help
lines open between 9am and 5pm, Monday to Friday

3 YEAR GUARANTEE

SUBJECT TO TERMS & CONDITIONS
For details please see: www.focalpointfires.co.uk/tandcs or telephone 01202 588635 Option 7

IN THE UK ALWAYS USE A GAS SAFE REGISTERED ENGINEER TO INSTALL, REPAIR OR SERVICE THIS APPLIANCE

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All instructions must be handed to the user for safekeeping.

Revision D - 03/13

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INSTALLATION INSTRUCTIONS GB IE

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1.0 IMPORTANT NOTES

• This appliance is an Inset Decorative Fuel Effect appliance which provides radiant warmth utilising the latest type burner technology.
• The fire is designed to suit various types of fireplaces and natural draught flues as detailed in this manual.
• The appliance must be installed by a competent person in accordance with Gas Safety (Installation and Use) Regulations 1998. It is strongly recommended that a GAS SAFE registered engineer be used for this purpose.
• Read all these instructions before commencing installation.
• This appliance must be installed in accordance with the rules in force and used only in a sufficiently ventilated space.
• The appliance is designed for installation on to a non-combustible hearth of at least 300mm depth.
• This appliance is factory set for operation on the gas type, and at the pressure stated on the appliance data plate.
• In the event of gas leakage from the appliance, the gas supply must be turned off at the nearest isolating valve.
• The appliance must be installed in accordance with the following:

- Manufacturers' Instructions.
- The Building Regulations issued by the Department for Communities and Local Government, the Building Standards (Scotland)
  (Consolidation) Regulations issued by the Scottish Development Department.
- Relevant British Standards insofar as the relevant areas are not covered by these instructions.
- For Republic of Ireland, reference should be made to the current edition of IS813 (the relevant standards governing installation).

• Failure to comply with the above could lead to prosecution and deem the manufacturer's warranty invalid.
• The appliance is designed to fit various types of situations as described in sections 3.0 and 4.0.
• It should be noted that heaters create warm air currents. These currents move heat to wall surfaces next to the heater. Installing the heater next to vinyl or cloth wall coverings or operating the heater where impurities in the air (such as tobacco smoke, candle smoke etc.) exist, may cause the walls to become discoloured.
• **WARNING:** The manufacturer of this appliance considers all surfaces as working surfaces with the exception of the control knob(s) and ash pan door.
• **As with any gas fire, a fire guard complying with BS 8423 must be used in presence of pets, children, and the elderly or infirm.**
• Consult ALL instructions before installation and use of this appliance.
• This appliance is free from any asbestos material.
• Refractories and fuel bed are constructed from ceramic fibre.
• Remote control models : These appliances features a battery-operated control system, and under normal usage will need a new battery approximately every twelve months.
Refer to the appropriate section of these instructions for details of how to change the battery.

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2.0 APPLIANCE DATA

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Model	Destination Country	Cat	Operating Pressure (±2.0 mbar)				Max Energy Input (kW)		Min Energy Input (kW)	
Natural Gas			G20	G25	G30	G31	Gross	Net	Gross	Net
Manual control	GB - IE	I_{2H}	20	-	-	-	6.2	5.6	3.5	3.15
Remote control	GB - IE	I_{2H}	17.5	-	-	-	6.2	5.6	3.5	3.15
Slide control	GB - IE	I_{2H}	20	-	-	-	6.2	5.6	3.5	3.15

Please see Data Badge affixed to appliance for current data. This appliance is for use only with the gas type, and at the pressure stated on the appliance Data Badge, and is for decorative purposes.

Specifications	Manual Control Models	Remote Control Models	Slide Control Models
Main burner injector	Stereo size 78	Stereo size 78	Stereo size 78
Oxypilot	SIT 9090	SIT 9090	SIT 9090
Gas Control	Copreci 21400 Series	Mertik Maxitrol GV34 Series	Teddington TESA 3173/011
Gas Inlet	All models - 8mm compression - Inlet restrictor elbow		
Ignition	Double-action piezo Spark	Piezo Spark	Piezo Spark
Spark Gap	3.5 - 4.5mm	3.5 - 4.5mm	3.5 - 4.5mm
Flue specification	All models - 225mm x 225mm (9in x 9in) brick or stone. 125mm (5in) minimum diameter lined brick or stone. 125mm (5in) minimum diameter twin wall flue conforming to BS 715. Pre-cast block flue complying with BS 1289 or BS EN 1858.		

3.0 INSTALLATION REQUIREMENTS

This appliance MUST NOT be installed into a room containing a bath or shower, or where steam may be present. The fire has been designed to fit into a builders' opening or fireplace conforming to BS 1251 or BS EN 1858 (and meeting certain dimensional requirements), or a suitable flue box complying with the constructional requirements of BS 715. The flue box must be installed onto a suitable non-combustible insulating surface at least 12mm thick, covering the entire base area of the box.

A natural draught flue system is required, and if previously used for solid fuel or oil burning, the flue and chimney must be swept prior to appliance installation. The flue must have an effective height of at least three metres, as measured from the hearth to the top of the flue. Any flue damper plates or restrictors should be removed and no other restriction fitted to the flue. Where removal is not practical, the restriction must be fixed in the fully open position. The flue must be checked before installation by using a smoke pellet or similar to ensure proper draw and that leakage is not evident at any joints. Repair and re-test as necessary before the appliance is installed. The flue must be connected to only one fireplace, and the flue must not vent more than one appliance (i.e. not shared with a gas back boiler). There must be no opening in the flue apart from the one that the appliance is installed into, and the one venting the gases into the air. A suitable terminal may be fitted, such as class GC1, as regulations allow.

This appliance has been tested for use in a pre-cast block flue complying with BS 1289 or BS EN 1858. In accordance with BS 1289 part 1, pre-cast flues built with directly plastered faces (front or rear) are not correctly installed as to ensure proper operation with ***any*** type of gas fire. In some instances of this flue construction, temperature cracking of the surface plaster may occur through no fault of the appliance. An air gap or some form of insulation material should be installed to prevent normal flue temperatures from damaging wall surfaces. Pre-cast flues must be checked for mortar fangs and correct installation of joints, flue sections in loft space and terminals.
This appliance has been tested for use with circular flues of a minimum internal diameter of 125mm. This appliance is suitable for use with a "lightweight" surround and back panel of 150°C minimum rating.
The fireplace opening should be inspected and repairs made where necessary. Any chair brick or fireback may be left insitu, providing that the dimensional requirements for debris collection space and spigot clearances are met. See figure 1.

4.0 SITE REQUIREMENTS

The opening WIDTH and HEIGHT dimensions should be between 350mm and 450mm wide, and 540mm to 575mm high. For flues used with solid fuel, the minimum WIDTH is 380mm.

Opening DEPTH should be 200mm or greater for a clay/cement lined or Pre-cast flue which is new, unused, or previously used only with a gas appliance. DEPTH should be 240mm or greater for a flue used for solid fuel of oil burning appliances. Opening DEPTHS include any plaster or infill panels which form part of the installation.

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4.0 SITE REQUIREMENTS - CONTINUED

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All models : This appliance requires a natural draught flue system which may be one of the following;

225mm x 225mm (9in x 9in) brick or stone.
125mm (5in) minimum diameter lined brick or stone.
125mm (5in) minimum diameter twin wall flue conforming to BS 715.
Pre-cast block flue complying with BS 1289 or BS EN 1858.

Any existing under grate draught device must be sealed off. The opening wall must be non-combustible.
The appliance requires a hearth with non-combustible surface of at least 12mm thick. The top surface must be at least 50mm above the surrounding floor level, or be surrounded by a raised edge or fender 50mm high.

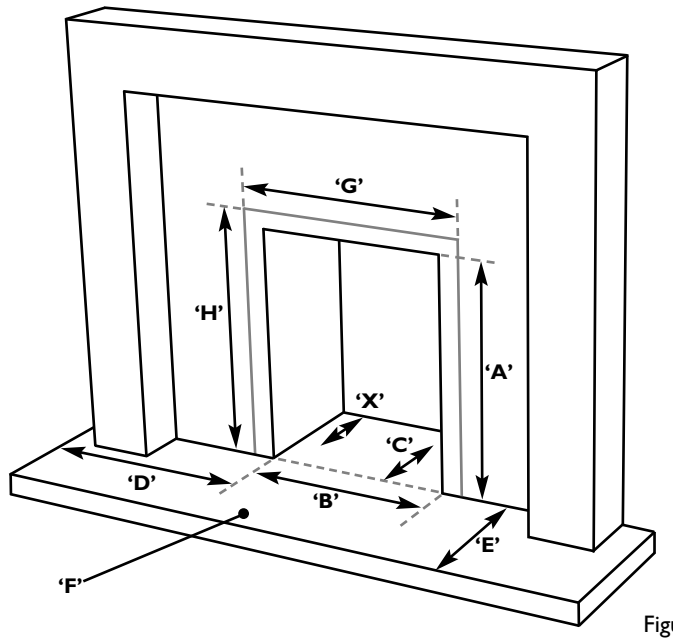

Figure 1

Note : Italics refer to Convector models.
'A'. Opening height: 540mm min/575mm max.
'B'. Opening width: 350mm min/440mm max. ***(380mm min/440mm max.)***
'C'. Mounting depth: 108mm ***(125mm)***.
'D'. Hearth must extend minimum of 150mm either side of the opening.
'E'. Hearth must extend minimum of 300mm in front of the opening.
'F'. Non-combustible hearth must be a minimum of 50mm in height, or be surrounded by 50mm high fender.
'G'. 470mm, this area must be flat and vertical to ensure a good seal.
'H'. 585mm, this area must be flat and vertical to ensure a good seal.
'X'. Debris collection space - See section 4.1.

To enable the products of combustion to be cleared properly up the flue, the outlet at the back of the appliance must have a 50mm minimum clearance between it and the back wall of the opening or any other obstruction. The area immediately above the outlet must form a smooth path into the flue.
Any type of fire surround used with this appliance must be adequately sealed to the wall and floor.
A combustible shelf may be fixed to the wall above the fire, providing that it complies with the dimensions given below.

Maximum depth of shelf	***Minimum distance from finished hearth surface to underside of shelf***
100mm (4in)	745mm (29 1/4 in)
150mm (6in)	845mm (33 1/4 in)
203mm (8in)	895mm (35 1/4 in)

A non-combustible shelf may be fitted to within 10mm of the top edge of the fireframe. Combustible materials, such as wood, may be fitted to within 100mm of either side of the fireplace opening, providing the forward projection does not exceed 100mm. Any combustible side walls must be at least 500mm to the side of the radiant heat source. As with all heating appliances, any decorations, soft furnishings, and wall coverings (i.e. flock, blown vinyl and embossed paper) positioned too close to the appliance may discolour or scorch.

4.1 DEBRIS COLLECTION SPACE

The mounting depth of this appliance is 108mm ***(120mm - Convector models)***.

In accordance with BS 5871 part 2, minimum debris collection volumes are required behind the installed appliance. These are shown below and as dimension 'X' in figure 1.

CLAY/CEMENT LINES OR BLOCK FLUE WHICH IS NEW, UNUSED, OR PREVIOUSLY ONLY USED WITH A GAS FIRE.
X Dimension = 20mm

UNLINED FLUE OR CHIMNEY WHICH HAS BEEN PREVIOUSLY USED FOR A SOLID FUEL OR OIL BURNING APPLIANCE
X Dimension = 60mm

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5.0 VENTILATION

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No purpose provided ventilation is normally required for this appliance. The requirements of other appliances operating in the same room or space must be taken into consideration when assessing ventilation. If spillage is detected when commissioning the appliance, then amongst other problems there may be insufficient natural ventilation for correct operation of the flue. If the appliance does not spill with the windows open, but spillage is detected with the windows closed, this demonstrates a lack of natural ventilation. If spillage is still detected with the windows open, the flue is at fault. Installation of an air brick is the best solution to lack of ventilation. Any ventilation fitted must comply with BS 5871 part 2 and BS 5440 part 2. Vents fitted under or within the immediate vicinity of the appliance must not be used as adverse effects to the operation of the ODS may occur. Spillage detected during commissioning is almost always a result of poor flue performance that cannot be corrected by any amount of ventilation. For Republic of Ireland ventilation may be required, see IS 813, ICP3, IS 327, and any other rules in force.

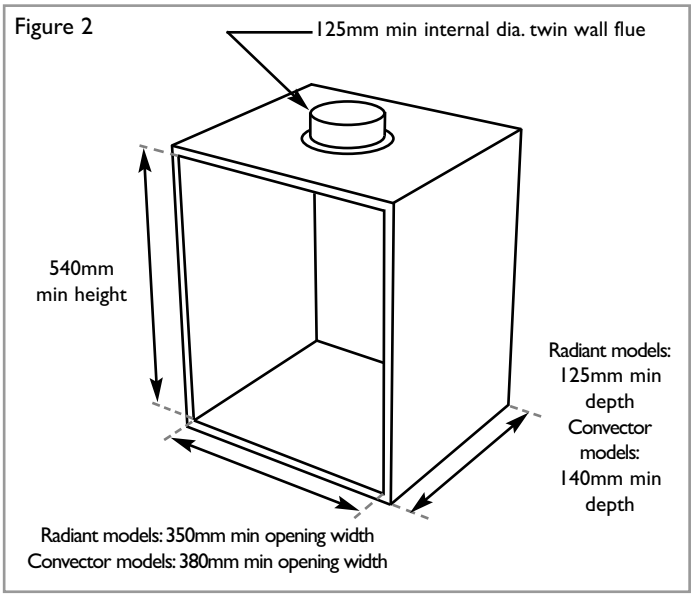
6.0 PREFABRICATED FLUE BOXES

This appliance can be fitted into a number of proprietary flue boxes provided that the minimum dimensions shown in figure 2 are complied with.

Constructional Note: The frame of the fire, any back panel or other infill panels, and the flue box must be sealed together so that there is no possibility of leakage between them. Adequate clearances to combustible materials (e.g. false chimney breast construction) must be maintained.

The manufacturers' instructions for fitting the prefabricated box shall be complied with at all times. To fit the fire using the cable fixing kit, some minor adaption may be necessary for certain flue boxes. A check should be made to ensure the firebox does not obscure the flue box outlet. The firebox, base of the flue box, and hearth below may be drilled to allow plugs and screws to secure installation. It is important that the sealing requirements of the appliance are met at all times and that the flue box is well sealed to any back or infill panel. ***Note:*** The DEPTH dimension is inclusive of any back or infill panel.

Figure 2



7.0 UNPACKING THE APPLIANCE

Stand the carton the right way up, cut the strapping bands and remove the top endcap. Read ***all*** the instructions before continuing to unpack or install this appliance. Remove the box containing the firefront, and the bags containing the ceramic components. Remove the cardboard packing pieces, and any other bags or boxes containing fittings or other parts. When all loose parts have been removed, the outer sleeve may be lifted off to reveal the appliance. Check that the components supplied correlate with the component checklist given in section 7.1. Please dispose of all the packaging materials at your local recycling centre.

7.1 COMPONENT CHECKLIST

QUANTITY	DESCRIPTION
1	Firebox and burner tray assembly
1	Decorative frame
1	Firefront
1	Black Moulded ceramic fibre combustion matrix **(coal effect versions only)**
1	Beige Moulded ceramic fibre combustion matrix **(Pebble effect version only)**
11	Individual ceramic coals **(rounded coal effect version only)**
15	Individual ceramic coals **(ripped coal effect version only)**
15	Individual ceramic pebbles **(pebble effect version only)**
2	Ceramic fibre side cheeks **(pebble effect & ripped coal effect)**
1	Ceramic rear panel
1	Ceramic taper pad **(radiant models only)**
1	Remote control handset **(remote control models only)**
1	Cable fixing kit; 2 cables, 2 tensioners, 2 cable clamps, 4 fixing eyes, 4 wall plugs
1	Sealing grommet
3	Lengths of adhesive sealing strip
1	Self tapping screw pack; 4 No.8 x 5/16
1	Spigot restrictor
1	Deflector baffle
1	Set of manufacturers instructions
1	Slide control position marking sticker **(slide control models only)**
1	Slide control knob and M4 Nyloc nut **(slide control models only)**

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8.0 PREPARING THE APPLIANCE

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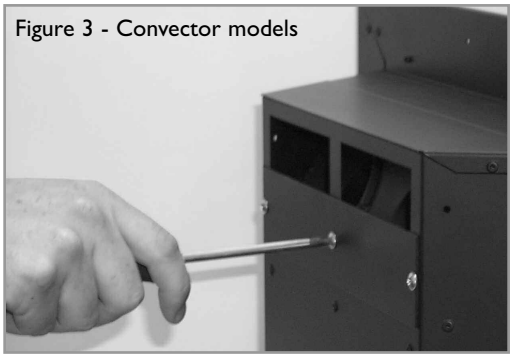
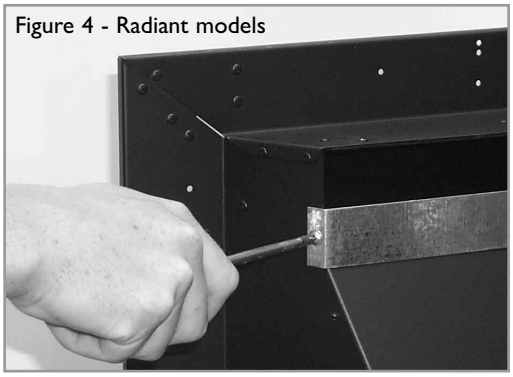
Note: Ensure that the gas supply is isolated before commencing installation of the appliance.
The fireplace opening and environment must be in compliance with specifications laid down in the appropriate sections of these instructions. Remove the appliance from the carton as described previously and stand on a dust sheet or similar. Place the coals/pebbles, ceramics and fixings safely to one side. Remove the burner from the assembly by removing the two screws retaining the tray legs. The tray is now free and may be lifted away.

Figure 3 - Convector models



SPIGOT RESTRICTOR :
If fitting the fire into a Class 1 or good Class 2 flue, attach the spigot restrictor to the rear of the appliance using screws provided as shown in figures 3 and 4. If spillage is detected during the commissioning of the appliance, the spigot restrictor should be removed immediately.

Figure 4 - Radiant models



SUPPLY PIPE ENTRY :
Knockout holes are provided in the rear and sides of the firebox for use where concealed pipework is required. Where necessary, knock out the appropriate hole with a sharp tap from a hammer, and fit the rubber grommet supplied. A small incision can now be made in the rubber to slip snugly around the outside of the pipe and sleeving. **Do not install or use the appliance without the seal in place**. If a hole is inadvertently opened, reseal with an intact grommet. Failure to fit the seal correctly will cause flue suction to act upon the area under the burner, resulting in poor performance and intermittent cutting out of the burner.

SEALING STRIPS :
Apply the self adhesive sealing strips to the back of the fireframe as shown in figure 5 to give a continuous seal.

Figure 5

SLIDE CONTROL MODELS : The control knob is supplied as a loose part. Insert the control knob into the hole in the top of the slide control spindle (Figure 6). Secure the control knob in position using the M4 nyloc nut provided. Affix the Slide control position marking sticker on the trim next to the control knob as shown in figure 16.

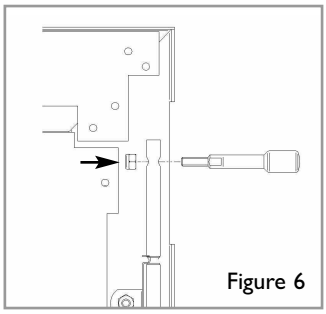


Figure 6

9.0 PREPARING THE OPENING

Before installing the fire, check the flue using a smoke pellet. All of the smoke should travel up the flue and exit correctly from the terminal.

If problems are found, DO NOT fit the fire until corrective action is completed. Protect the decorative hearth whilst pushing the firebox in and out of the opening. Part of the packaging will make an ideal hearth saver pad. Before running the gas supply into the opening, offer up the firebox to the fireplace to check the fit is good.

Ensure that it slides in correctly, the sealing face sits flat and square to the wall or infill panel, and that the base is firm on the floor of the opening as no leaks are permissible here. At this stage it is essential to ensure that the spigot outlet of the fire is not restricted in any way. Remove the firebox and take any necessary measurements before making good and preparing for final installation.

CABLE FIXING :
For fixing of the fire by the cable method, see the relevant section. The cable fixing locations should be marked on the back of the opening and the holes drilled. Fit the wall plugs and eyebolts to these holes.

SCREW FIXING :
For fixing by screw, mark and drill the fireframe or base, and the relevant points in the opening or on the wall. wall plugs will again be required. Pre-punched holes are not provided for this purpose to allow you to choose the optimum positions.

GAS SUPPLY :
Following preparation for the fixing method, the concealed gas supply, where required, can now be put into place. Refer to the gas supply section for suggested pipe routes. The ends of the sleeving in which the gas pipe is run should be sealed. The ends of the 8mm supply pipe should be temporarily sealed to prevent the ingress of debris during fixing.

PLEASE NOTE: Ensure fire can be removed for ease of servicing and not silconed

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10.0 GAS SUPPLY ROUTING

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When the opening is ready for installation of the fire, the gas supply may be routed as per the examples shown in figure 7.

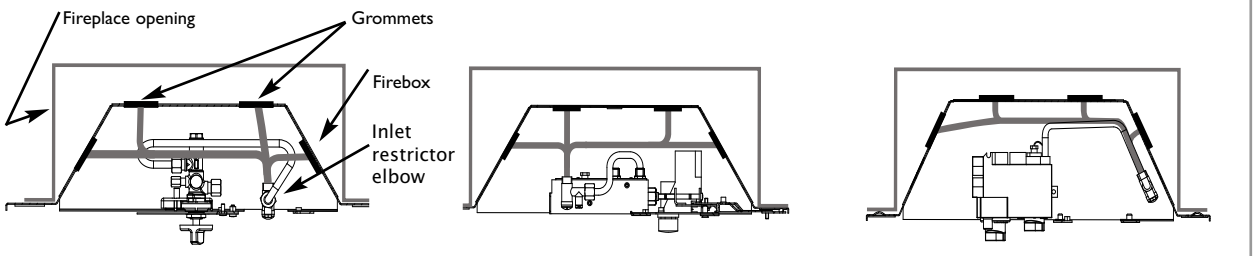

Figure 7 Manual control Slide control Remote control

Wherever a concealed connection is made a rubber grommet must be used to seal the firebox. The gas pipe must be suitably protected where it passes through fireplace openings. Any sleeving should be sealed to the pipe at its ends. This appliance is fitted with an inlet restrictor elbow. Using 8mm diameter pipe, connect the appliance to the gas supply point. The appliance must be fitted with rigid or semi-rigid pipe of 8mm external diameter. The appliance is factory fitted with an inlet restrictor elbow. Use a minimum length of 8mm pipe, less than 1.5m where possible, as a long run of pipe may cause an unacceptable drop in the supply pressure. The open end of the supply pipe should be sealed temporarily during the installation to prevent the ingress of dirt and dust. **Soldered joints are not recommended.**

11.0 INSTALLATION BY CABLE FIXING KIT

Drill four holes using a 8mm masonry bit to a depth of 42mm in the positions shown in figure 8. If the fireplace configuration does not allow the exact layout given, the eyebolts should be positioned as close to the correct layout as possible. Before finally fitting cables, ensure the self adhesive sealing strips are in position on the back of the appliance frame. The fireframe must be sealed evenly to the fireplace opening all around the periphery. Thread the tensioning cables through the holes in the top of the firebox, then the eyelets, and finally through the lower holes in the back of the firebox, as shown in figure 9. Note : The burner must be removed as per relevant section to gain access to the cable adjusters. Push the appliance back into the fireplace, centralise, and pull the loose tensioning cables through the holes into the firebox.

Thread the tensioner bolts onto the cables, with the nuts screwed down close to the tensioner head. Slide the screwed nipple onto the cable, pull cable tight, and tighten nipple. The tension of the cable may now be adjusted by using a suitable spanner on the tensioner nuts to pull the appliance tightly against the fireplace opening. Visually inspect the seal and reseat if necessary. **Do not cut off excess cable.** Surplus cable must not be cut off, as it will be impossible to refit the fire after servicing. Coil up the surplus cable, and locate at rear of firebox.

'A'. 250 mm
'B'. 350 mm
'C'. 60 mm

All dims ±10mm

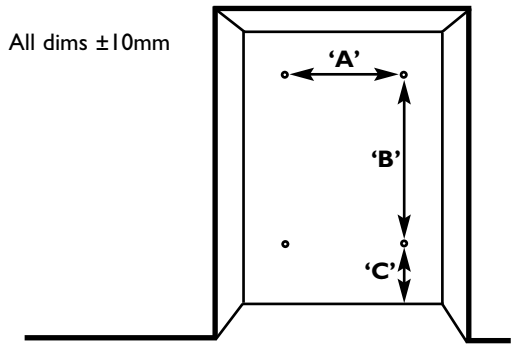

Figure 8

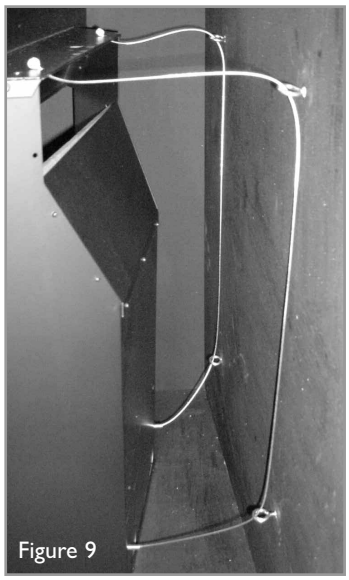

Figure 9

12.0 FITTING THE BURNER

Temporarily fit the burner tray and ensure a suitable gas route can be achieved. Place the burner tray into the firebox making sure that the rear lugs locate properly on to the ledge in the firebox.

Manual and remote control models : Fit the two securing screws through the tray legs to secure the assembly.

Slide control models : Fit the four securing screws - **two through the tray rear first** and then two through the legs of the tray to secure the assembly - see figure 10. Reconnect the slide mechanism by replacing the M4 nut and serrated washer on the assembly.

All models : Connect the gas supply and tighten the gas connections. Fit the deflector baffle to the two locations on the front face of the firetray as shown in figure 11. Screws are provided for this purpose. The baffle should be level with the lower edge of the tray. Place contemporary firefront in front of the fire temporarily to check the angle of the baffle. The front should fit well and the control devices beneath should not be visible to the eye. Realign the baffle slightly if necessary to achieve the correct fit.

Purge the gas supply thoroughly to remove air and dirt/debris **BEFORE** connection. Now disconnect the inlet restrictor elbow from the inlet pipe.

Connect the previously installed gas supply to inlet restrictor elbow, and re-fit the restrictor elbow to the inlet pipe of the appliance.

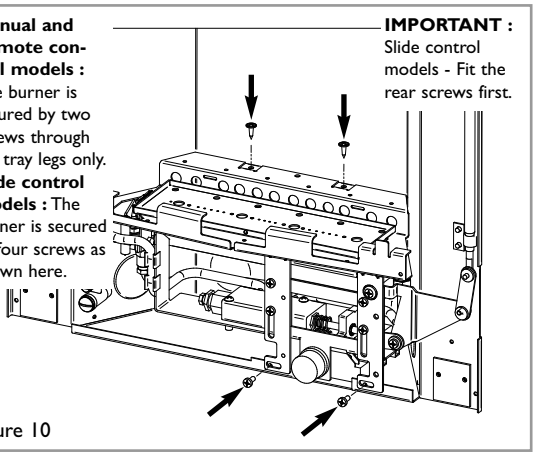
Manual and Remote control models : The burner is secured by two screws through the tray legs only.
Slide control models : The burner is secured by four screws as shown here.
IMPORTANT : Slide control models - Fit the rear screws first.

Figure 10

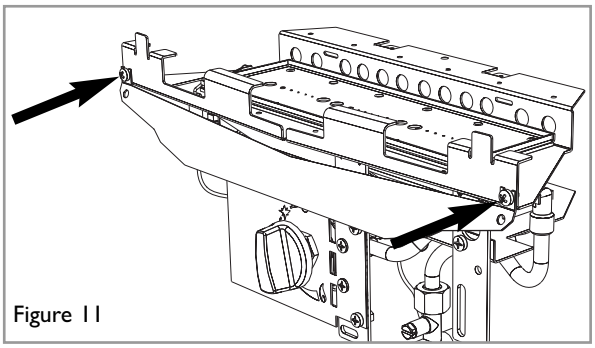

Figure 11

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13.0 GAS CONNECTION

If running a concealed gas supply, ensure grommets are secure around incoming pipes.
Important Note: Check the thermocouple nut connection into the rear of the valve is secure.

14.0 FUEL BED LAYOUT

Please refer to section 7.0 of the user instructions.

15.0 FITTING THE FIREFRONT/FRAME

All models : Remove all protective film and packaging material before fitting.
One-piece frame models : The appliance is supplied with a one piece decorative frame that is attached to the front of the firebox with the magnets provided. Position the firefront in front of the burner.
Three-piece frame models : The clip-on frame pieces should be hooked over the outer edges of the fireframe, (figure 12), and pushed firmly home. The sides should be fixed first, followed by the top bar, which overlaps the sides. Push firmly home.
IMPORTANT : Due to the possibility of sharp edges, care should be taken when handling the three-piece frame components. The use of protective gloves is strongly recommended.

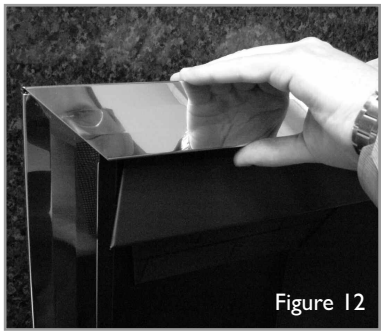
Figure 12

Cast frame models : Remove the decorative frame from it's protective packaging. The frame is retained onto the firebox with a mounting bracket at the top of the frame and three magnets on each leg of the frame.

16.0 TESTING AND COMMISSIONING

Turn on and test the gas supply up to the fire for any leaks, in accordance with the current edition of BS6891. When the appliance is first used, protective oils coating the firebox may burn off. It is advisable to ventilate the room during this period for at least one hour.

16.1 OPERATING THE FIRE - MANUAL CONTROL MODELS

The pilot is visible through the left hand side of ceramic fuel matrix. When cold, the coals or pebbles may be rotated for good viewing.
The fire features a 'twin spark' ignition system to aid lighting,
Push the control knob in fully and turn anti-clockwise through both of the SPARK positions, keeping fully depressed, hold there for a few seconds. If the fire has not been used for some time, hold the knob in this position for longer, to allow any air in the pipes to be purged.
Continue turning anti-clockwise through the spark clicks to the nine o'clock position, ensuring the pilot has lit. If not, return the knob clockwise, and repeat.
When the pilot lights after one of the two sparks, keep the knob depressed in the nine o'clock position for approximately ten seconds. Now release the knob and the pilot should stay alight. If the pilot is extinguished during use, wait three minutes before repeating the ignition procedure.
To achieve the HIGH setting, push the control knob in slightly and continue turning anti-clockwise to the high position. The main burner should light after a few seconds. To decrease the setting to LOW, push the knob in slightly and turn the control knob clockwise to the low setting.

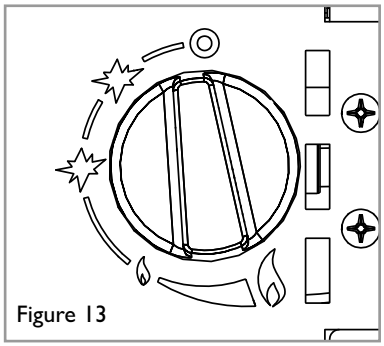
Figure 13

To turn to the pilot only position from the HIGH or LOW positions, press the control knob in, and return to the nine o'clock position and release. To turn the fire OFF, keep the knob pressed in, return to the off position and release.
The pilot is visible through the left hand side of the matrix. When cold, the coals or pebbles may be rotated for good viewing.

16.2 OPERATING THE FIRE - REMOTE CONTROL MODELS

Turn the main burner control (shown on left hand side of control valve) knob fully anti-clockwise.
Turn ignition knob (shown on right hand side of control valve) slightly left towards the ignition position until reaching the stop, press down and hold for 5 seconds (only pilot gas is flowing)

Continue pressing down the knob while turning further to the left to activate the piezo spark, continue to hold the knob down for a further 10 seconds after the pilot has been lit. If the pilot does not light repeat the previous steps.

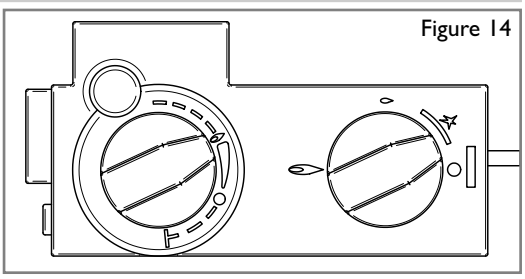
Figure 14

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16.2 OPERATING THE FIRE - CONTINUED

Upon lighting and after the further 10 seconds, release the knob and turn further to the left to the ON position. The main burner will light and be controlled in accordance with the main burner control knob setting. Adjust the main burner control knob to the desired setting.
If the pilot is extinguished during use of the fire, you MUST wait ten minutes before repeating the ignition procedure.
To turn the main burner OFF whilst keeping the pilot flame lit, turn the ignition control knob to the pilot position then only the pilot will remain lit.
To shut the fire off completely, press the ignition control knob down and continue turning to the right from the pilot position to the OFF position.
A safety interlock prevents re-ignition of the pilot flame until the thermocouple has cooled sufficiently to allow the magnetic valve unit to reset itself.
The remote control unit allows operation of the main burner setting between maximum and pilot only setting. It does not permanently turn the pilot on or off.
The remote control handset incorporates an inbuilt safety feature to prevent the main burner being activated or turned up accidentally. It is necessary to press buttons 1 and 2 (see figure 15) simultaneously to turn the fire up. To turn the fire down press button 3 only.

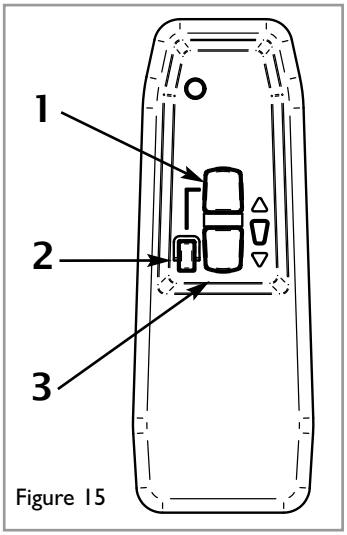

Figure 15

16.3 OPERATING THE FIRE - SLIDE CONTROL MODELS

The pilot is visible through the left hand side of the matrix. When cold, the coals or pebbles may be rotated for good viewing.
Push the slide control knob fully downwards to the SPARK position, and hold there for approximately ten seconds. Now release the knob and the pilot should stay alight. When the pilot light has established, move the slide control knob upwards to the LOW flame setting. If the pilot is extinguished during use, wait three minutes before repeating the ignition procedure. To achieve the HIGH setting, move the slide control knob upwards to the HIGH flame setting. The fire can also be set to operate anywhere between HIGH and LOW by moving the control knob to an intermediate position.
To turn the fire OFF, move the slide control knob upwards fully to the position marked 'O'.

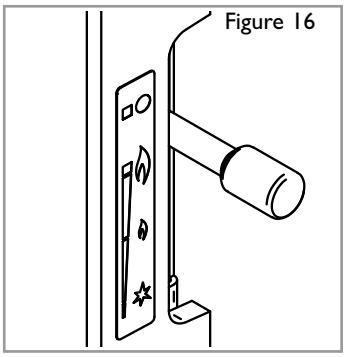
Figure 16

16.4 SPARK GAP

The spark gap between the spark electrode and the thermocouple should be 3.5 - 4.5mm to produce a good spark.
There should be no need to adjust this. If under any circumstances the electric spark fails, the pilot may be lit manually by proceeding with the ignition sequence as previously described, and after moving the control knob through the spark position, the knob should be held in (slide control models - down) and the pilot lit with a taper.

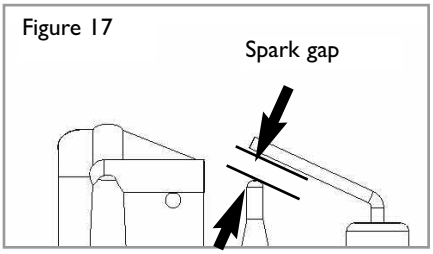

Figure 17

16.5 OPERATING PRESSURE

Light the fire on the HIGH setting.
To commission the appliance, the operating pressure must be in accordance with the figures stated in section 2.0 of these instructions. The fire is factory set to achieve the correct flow rates at the specified operating pressure. Any significant variation in the operating pressure could indicate a supply problem. If the operating pressure is too high the gas supply meter/governor may be set incorrectly. This should be checked with the fire running and if necessary reset by the gas supplier. If the operating pressure is too low, then check the meter/governor pressure with the appliance running. Upon satisfactory checking of the operating pressure, turn the fire off, disconnect the pressure gauge and refit the test point screw. Light the fire and check for gas soundness. In the event that the operating pressure is not in accordance with the figures stated in the data section of these instructions, the appliance must not be commissioned, and the problem investigated and rectified.

16.6 FLUE SPILLAGE MONITORING SYSTEM

This fire is fitted with a flue spillage safety device (ODS). If the fire shuts down during use for no apparent reason then several things may be suspected. If a door or window has been opened creating a draught, then pilot disturbance is the problem, and removal of the draught should resolve this. The gas pressure reaching the fire must also be checked (again, recall your installer to check and rectify any problem). The thermocouple connection into the back of the gas control valve may also have worked loose during installation, simply get the installer to tighten. If pilot disturbance is not the cause, then the ODS safety system may be in operation. Switch the appliance OFF, check the flue and carry out any remedial work required. Relight the fire and carry out a spillage test. DO NOT allow the appliance to be used if it continues to fail a spillage test. The aeration hole of the pilot must be carefully cleaned out on each annual service to ensure continued function of the ODS. The spillage monitoring system shall not be adjusted, modified, or put out of operation by the installer. Any spare parts fitted MUST be of a type supplied for the purpose by the appliance manufacturer. If the fire is not spilling, then further guidance should be sought, using the Troubleshooting section as a guide.

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16.7 TESTING FOR SPILLAGE

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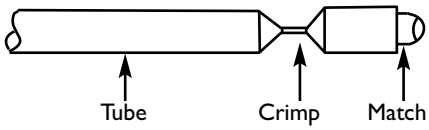
Close all doors and windows to the room containing the appliance. Let the fire run on HIGH for five minutes. Take a smoke match, light it, and using a smoke match tube, hold it at the top edge of the fire opening, 25mm down and 25mm in. Starting 50mm in from either side, run the smoke match across the opening.

All the smoke should be drawn away up the flue. Any smoke returning into the room indicates that spillage is occurring. If the initial spillage test fails, run the fire for a further 10 minutes and repeat the test.

When the test has been completed satisfactorily, repeat with any extractor fans in the premises running on the highest setting, and any communicating doors open. Finally, repeat with all doors open.

Figure 18 : Cross section of smoke match tube



Make a smoke match tube from 10mm diameter tube. Seal off one end and crimp the tube to prevent the smoke match from sliding down inside.

Spillage test - Figure 19

A. 25mm down from top of opening

B. 25mm in from front of opening.

C. Disregard outer 50mm either side of fireplace opening

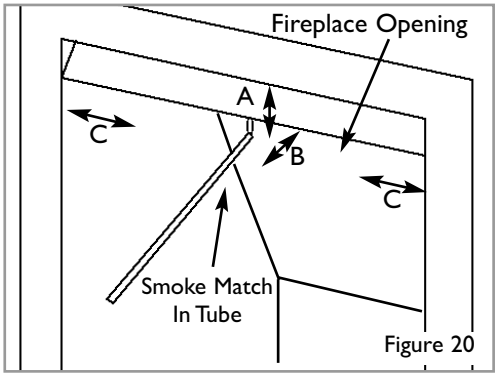


Figure 20

DO NOT allow the fire to be used until the test is satisfactorily passed.

16.8 BRIEFING THE CUSTOMER

All instructions must be handed to the user for safekeeping. Show the customer how to light and control the fire. After commissioning the appliance, the customer should be instructed on the safe use of the appliance and the need for regular servicing. Frequency of service depends on usage, but MUST be carried out at least once annually. Advise that cleaning of the fire may be achieved when the fire is cold using a damp cloth and mild detergent on most surfaces.

Scratched and other superficial damage to the matt black paintwork of the appliance can be covered with matching heatproof spray. Use only the manufacturers' recommended spray paint. Paint only when the fire is OFF and cold. Always mask off the surrounding area to prevent contamination with overspray. Ventilate the room during the use of the spray. DO NOT attempt to wash the coals or ceramics with water.

Advise that the fire will emit a "newness" smell for a time after initial commissioning and that extra ventilation may be needed during this time. Advise that the fire is fitted with a spillage safety device (O.D.S.). If the fire shuts down, this system may be in operation. If spillage is suspected, SWITCH APPLIANCE OFF and call in the installer to investigate any problems.

17.0 SERVICING

Isolate the fire from the gas supply. Ensure that the fire is fully cold before attempting service. A suggested procedure for servicing is detailed below.

1. Lay out the dust sheet and tools.
2. Carefully remove the ceramic components.
3. Remove the firefront fret or the combined frame and firefront (dependant on model).
4. Disconnect the gas supply, and remove the burner securing screws (see figure 10 and refer to section 17.2)
5. Remove the burner tray.
6. Remove firebox as described in section 17.5.
7. Check the fireplace opening for rubble accumulation and remove. If debris is excessive, initiate remedial work on the flue.
8. Check the flue with smoke pellet for correct operation.
9. Refit firebox using new seals where necessary.
10. Strip off the burner pipes and clean thoroughly.
11. Clean out the injector, pilot assembly and burner tube. DO NOT attempt to remove the pilot injector.
12. Re-assemble and re-fit the burner tray.
13. Turn on the gas supply, and leak test.
14. Refit the decorative casting and ceramics.
15. Check any purpose provided ventilation is un-obstructed.
16. Light the fire and test for spillage.
17. Check the operating pressure (see section 16.5) and safe operation of the appliance.

For specific servicing instructions, see the relevant sections.

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17.1 CLEANING THE CERAMICS

Remove the firefront and place to one side. Remove the ceramic components. Gently clean in the open air. Be careful not to create dust from the coals. Where necessary replace damaged components with genuine spares. Seal scrap ceramic components in plastic bags and dispose at proper refuse sites as directed.
Re-fit the ceramic fuel bed by referring to the relevant section of these instructions.

17.2 REMOVING THE BURNER

Remove the firefront. Remove the ceramics and place safely aside.
Manual control models : Remove the two screws securing the tray legs to the firebox. Pull tray forward slightly and lift away.
Slide control models : Remove the four screws securing the tray to the firebox (two in the tray legs and two in the rear of the tray - see figure 10). Remove the M4 nut from the slide control linkage. Pull tray forward slightly and lift away. When re-fitting replace the rear retaining screws first, followed by the front (leg) retaining screws.
All models : Be sure to engage the tray location lugs on the shelf at the rear of the firebox.

17.3 DISMANTLING THE BURNER

Remove the tray as previously described. The pilot unit can be removed by withdrawing the tubing nut, the thermocouple nut on the valve, and the two securing screws, and lifting away. Remove the tubing nut from the valve end of the pilot pipe, and blow through to dislodge any debris. Remove the two tubing nuts on the ends of the gas pipe to the injector elbow and blow clear. Remove the two tubing nuts on the ends of the inlet pipe and blow clear.
Manual control models : The valve is not field serviceable.
Slide control models : The valve contains a gauze filter on the inlet manifold. Check that this is free from debris/obstruction.

17.4 PILOT ASSEMBLY

Remove the burner unit as previously described. The pilot unit can be removed by withdrawing the tubing nut, the thermocouple nut on the rear of the valve, and the two securing screws, and lifting away. Remove the tubing nut from the valve end of the pilot pipe, and blow through to dislodge any debris.
Clean the pilot assembly with a soft brush and blow through. Check the aeration holes are free of any dirt or lint. Clean thoroughly internally, the connection can be removed from the base of the pilot unit using two spanners to make cleaning easier. Do not damage or try to remove the pilot injector. The unit is factory set and the only check necessary is to ensure the spark gap is correct. See specifications for gap setting.

17.5 REMOVING THE FIREBOX

Remove the burner unit. Protect the hearth from potential damage. Unroll the coiled tensioner cables from the rear of the firebox. Remove the securing nipples and tensioner adjusters. The firebox is now released from the opening and can be slid outward onto the hearth. Inspect the fireplace opening for debris and if excessive rectify the flue before proceeding further. Check the seal around the fireframe and if necessary replace. Refitting of the firebox is as described in the fitting section of these instructions.

17.6 REPLACING THE BATTERIES (REMOTE CONTROL VERSIONS)

Handset - Remove cover from rear of handset and insert 1 x 'PP3' (9 volt) battery - Replace cover
Appliance - **Ensure appliance is off and cool**. Remove cover from top of receiver box. The cover is protected by reflective foil, and located towards the right hand side, underneath the burner unit. Insert 4 x 'AA' (1.5 volt) batteries - Replace cover.

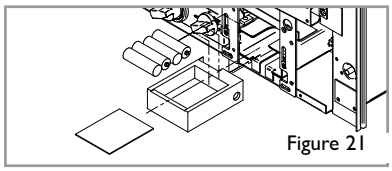
Figure 21

Ensure appliance is off and cool. The battery is located in the front of the ignition unit, on the right hand side of the burner (shown in figure 20). Unscrew the battery holder cap. Insert 1 x 'AA' (1.5 volt) battery. Replace cap.

17.7 REPLACING THE BATTERIES (SLIDE CONTROL VERSIONS)

Slide control models
Ensure appliance is off and cool. The battery is located in the front of the ignition unit, on the right hand side of the burner (shown in figure 22). Unscrew the battery holder cap. Insert 1 x 'AA' (1.5 volt) battery. Replace cap.

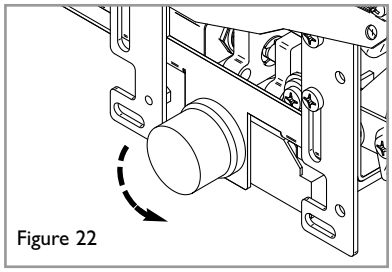
Figure 22

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18.0 TROUBLESHOOTING GUIDE

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Fire sparks but pilot does not light	• No gas to fire, check isolators are open and gas supply is on. • Pipework blockage, clean out. • Air not fully purged, re purge supply or wait longer. • Spark earthing to metalwork, reset gap correctly. • Blocked pilot, clean out internally.
Pilot lights but then goes out	• Severe restriction in gas supply: clear obstruction. • Faulty thermocouple, replace pilot unit. • Blocked pilot, clean out. • Blocked lint gauze, clean. • Hold control knob in/down for longer. • Slide control models only : Ensure that the slide control knob is pushed down **fully**. • If the pilot will not stay lit there could be a problem with contamination of the gas supply, drafts, room size and/or ventilation or the thermocouple needs replacement. **Modifications are dangerous and can have a serious unseen effect on safety.** **NEVER MODIFY OR BEND THE THERMOCOUPLE TO MAKE THE PILOT STAY ALIGHT.**
Fire does not spark at pilot	• HT lead detached, refit. • Slide control models only - replace battery. See section 10.0 of the user instructions. • Check the spark gap (see section 16.4). • Faulty piezo unit, replace. • Debris shorting out electrode, clean. • Spark shorting to metalwork under tray, check routing of HT lead under burner.
Fire runs for a time and then cuts off	• Loose or faulty thermocouple, rectify. • Blocked pilot, clean out. • Excessive drafts in the room. • Excessive flue pull. • Fire is too close to an air vent. • Dirt or lint in pilot aeration hole or on the lint gauze, clean thoroughly. • If the pilot will not stay lit there could be a problem with contamination of the gas supply, drafts, room size and/or ventilation or the thermocouple needs replacement. **Modifications are dangerous and can have a serious unseen effect on safety.** **NEVER MODIFY OR BEND THE THERMOCOUPLE TO MAKE THE PILOT STAY ALIGHT.**
Pilot flame shrinks when fire is on high	• Poor gas flow to fire, check pressure with fire on high. • If pressure is low, remove any restriction in pipework or valve. • Check all isolators are adequately sized and fully open. • Check meter pressure is adequate. • Firebox grommet seal missing, rectify. • If the pilot will not stay lit there could be a problem with contamination of the gas supply, drafts, room size and/or ventilation or the thermocouple needs replacement. **Modifications are dangerous and can have a serious unseen effect on safety.** **NEVER MODIFY OR BEND THE THERMOCOUPLE TO MAKE THE PILOT STAY ALIGHT.**
Fire smells when first lit or in use	• Newness smell from brand new appliance. • Spillage occurring. Carry out Spillage test and rectify any problems. • Combustible materials used in incorrect positions. • Firebox grommet seal missing, rectify. • Other airborne contaminants such as dust, tobacco smoke, paint vapours.

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USER INSTRUCTIONS

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1.0 IMPORTANT NOTES

• The Installation and Servicing of this fire MUST only be carried out by a competent person in accordance with local Codes and/or Regulations, Building Regulations and the manufacturer's instructions. Failure to comply with these could lead to prosecution and invalidate the appliance warranty. In the event of gas leakage from the appliance, the gas supply must be turned off at the nearest isolating valve. This appliance is only suitable for the gas type for which it is supplied.
• Keep a note of the installer's name and address, the original purchase receipt and the date of installation. Failure to produce this information may invalidate the warranty. The appliance should be serviced regularly to ensure continued safe operation. See the servicing section for further reference. Frequency of service will depend on use, but MUST be carried out at least once annually.
• Parts of this appliance become naturally hot during use. It is recommended that a suitable fireguard is used, especially where young children, pets, the elderly or infirm are concerned. The manufacturer of this appliance considers all surfaces as working surfaces with the exception of the control knob and control panel.
• As with any gas fire, a fire guard complying with BS 8423 must be used in presence of pets, children, and the elderly or infirm.
• The appliance should be serviced regularly to ensure continued safe operation. Frequency of service will depend on use, but MUST be carried out at least once annually.
• Combustible items, such as flooring and furniture and soft wall coverings (such as blown vinyl or embossed paper), low temperature surrounds etc may discolour if fitted too close to the fire. See relevant section for further details on clearances to combustibles. No combustible materials or flooring should protrude onto the hearth.
• This appliance incorporates a combustion monitoring system (ODS).
• DO NOT burn any foreign material on this fire, the ceramic fuel effect components must be of the correct type and laid out in accordance with the relevant section of these instructions.
• Failure to do so could create a hazard or lead to sooting.
• Before the appliance is installed, the chimney should be swept. All flues should be checked by the installer to ensure there are no defects or obstructions that may prevent the flow of combustion products.
• This appliance is fitted with a flue blockage safety device which will shut down the fire if abnormal flue conditions occur. It is NOT a substitute for an independently mounted Carbon Monoxide detector.
• This fire is supplied with a particular style of firefront. Use of the firefront will ensure an adequate airflow under the firebed for the correct functioning of this appliance. Use ONLY the firefront supplied with the appliance. Use of any other firefront could be dangerous.
• Should any home improvements be carried out to the property after the fire is installed, such as installation of extractor fans for example, the fire should be re-checked by a competent person for safe operation.

2.0 CLEARANCES TO COMBUSTIBLES

A combustible shelf may be fixed to the wall above the fire, providing that it complies with the dimensions given below.

Maximum depth of shelf	*Minimum distance from finished hearth surface to underside of shelf*
100mm (4in)	745mm (29 1/4 in)
150mm (6in)	845mm (33 1/4 in)
203mm (8in)	895mm (35 1/4 in)

A non-combustible shelf may be fitted to within 10mm of the top edge of the fireplace opening. Combustible materials, such as wood, may be fitted to within 100mm of either side of the fireplace opening, providing the forward projection does not exceed 100mm.
Any combustible side walls must be at least 500mm to the side of the radiant heat source. As with all heating appliances, any decorations, soft furnishings, and wall coverings (i.e. flock, blown vinyl and embossed paper) positioned too close to the appliance may discolour or scorch.

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3.0 FIRE GUARDS

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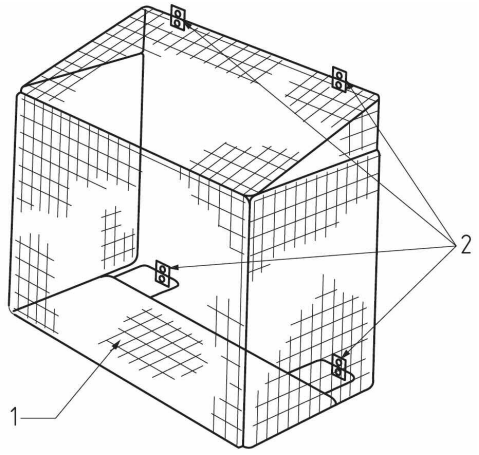
The fireguards specified in BS 8423 are intended to protect people from falling into a fire, prevent burns and reduce the risk of injury, particularly to young children and the infirm. In addition it is intended to reduce the risk of fire resulting from clothing and/or other flammable materials coming into contact with, or in proximity to, burning fuel and/or hot surfaces.

Fireguards can be permanently fixed in position or can be moveable, and can incorporate open fires including combination grates, or closed fires, including room heaters and stoves. **See figures 1 & 2 for fireguard examples.**

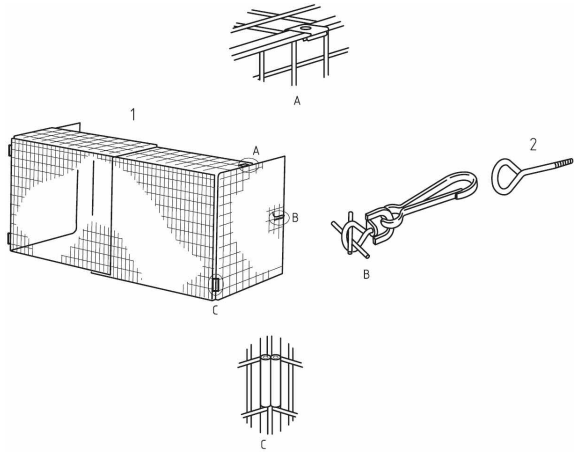
The fireguards specified are not intended to reduce the risk of fires caused by flying particles, which are covered by BS 3248.

Figure 1
Example of moveable fireguard for portable heating appliances



Key
1. Optional base section for total enclosure of a wall mounted appliance
2. Points for attachment to a wall.

Figure 2
Example of detachable fireguard



Key
1. Detachable fireguard
2. Screw eye

4.0 VENTILATION

No purpose provided ventilation is normally required for this appliance. The requirements of other appliances operating in the same space or room, and the results of a spillage test must be taken into consideration when assessing ventilation requirements, this will have been carried out by your registered installer. For Republic of Ireland, ventilation may be required, see IS 813, ICP3, IS 327, and any other rules in force.

WARNING : Ventilation openings (where fitted) must never be blocked or restricted in any way.

5.0 OPERATING THE FIRE - MANUAL CONTROL MODELS

The pilot is visible through the left hand side of ceramic fuel matrix. When cold, the coals or pebbles may be rotated for good viewing. The fire features a 'twin spark' ignition system to aid lighting, Push the control knob in fully and turn anti-clockwise through both of the SPARK positions, keeping fully depressed, hold there for a few seconds. If the fire has not been used for some time, hold the knob in this position for longer, to allow any air in the pipes to be purged.
Continue turning anti-clockwise through the spark clicks to the nine o'clock position, ensuring the pilot has lit. If not, return the knob clockwise, and repeat. When the pilot lights after one of the two sparks, keep the knob depressed in the nine o'clock position for approximately ten seconds. Now release the knob and the pilot should stay alight. If the pilot is extinguished during use, wait three minutes before repeating the ignition procedure.
To achieve the HIGH setting, push the control knob in slightly and continue turning anti-clockwise to the high position. The main burner should light after a few seconds. To decrease the setting to LOW, push the knob in slightly and turn the control knob clockwise to the low setting. To turn to the pilot only position from the HIGH or LOW positions, press the control knob in, and return to the nine o'clock position and release. To turn the fire OFF, keep the knob pressed in, return to the off position and release.

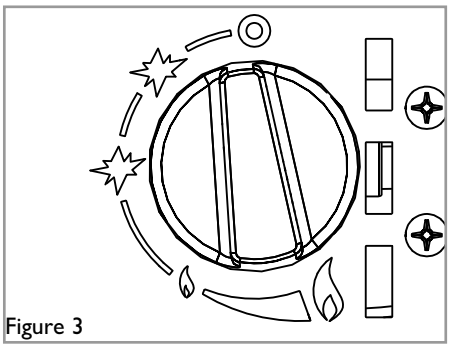


Figure 3

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5.1 OPERATING THE FIRE - REMOTE CONTROL MODELS

GB IE

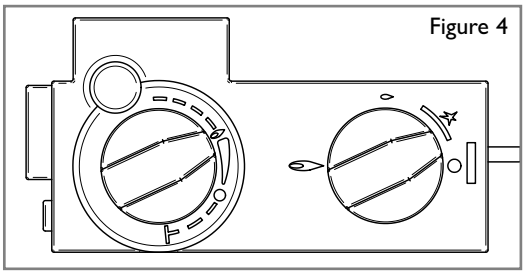
Figure 4

The pilot is visible through the left hand side of the matrix. When cold, the coals or pebbles may be rotated for good viewing.
Turn the main burner control (shown on left hand side of control valve) knob fully anti-clockwise.
Turn ignition knob (shown on right hand side of control valve) slightly left towards the ignition position until reaching the stop, press down and hold for 5 seconds (only pilot gas is flowing)
Continue pressing down the knob while turning further to the left to activate the piezo spark, continue to hold the knob down for a further 10 seconds after the pilot has been lit. If the pilot does not light repeat the previous steps.
Upon lighting and after the further 10 seconds, release the knob and turn further to the left to the ON position. The main burner will light and be controlled in accordance with the main burner control knob setting. Adjust the main burner control knob to the desired setting. If the pilot is extinguished during use of the fire, you MUST wait ten minutes before repeating the ignition procedure.
To turn the main burner OFF whilst keeping the pilot flame lit, turn the ignition control knob to the pilot position then only the pilot will remain lit.
To shut the fire off completely, press the ignition control knob down and continue turning to the right from the pilot position to the OFF position.

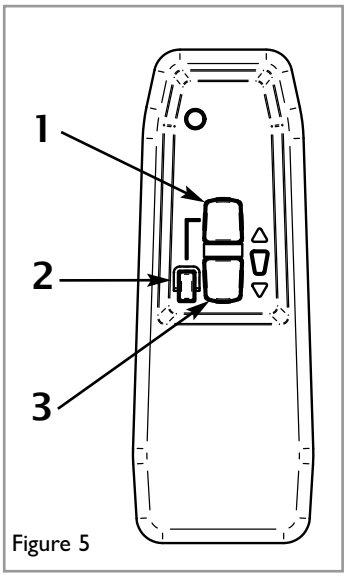

Figure 5

A safety interlock prevents re-ignition of the pilot flame until the thermocouple has cooled sufficiently to allow the magnetic valve unit to reset itself. The remote control unit allows operation of the main burner setting between maximum and pilot only setting. It does not permanently turn the pilot on or off.
The remote control handset incorporates an inbuilt safety feature to prevent the main burner being activated or turned up accidentally. It is necessary to press button 1 and 2 (see figure 5) simultaneously to turn the fire up. To turn the fire down press button 3 only.

5.2 OPERATING THE FIRE - SLIDE CONTROL MODELS

The pilot is visible through the left hand side of the matrix. When cold, the coals or pebbles may be rotated for good viewing.

Push the slide control knob fully downwards to the SPARK position, and hold there for approximately ten seconds. Now release the knob and the pilot should stay alight. When the pilot light has established, move the slide control knob upwards to the LOW flame setting. If the pilot is extinguished during use, wait three minutes before repeating the ignition procedure. To achieve the HIGH setting, move the slide control knob upwards to the HIGH flame setting. The fire can also be set to operate anywhere between HIGH and LOW by moving the control knob to an intermediate position.

To turn the fire OFF, move the slide control knob upwards fully to the position marked 'O'.

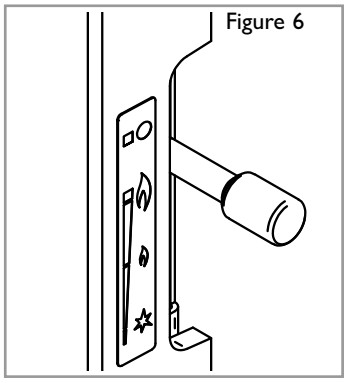
Figure 6

6.0 FLUE SPILLAGE MONITORING SYSTEM

This fire is fitted with a flue spillage safety device (ODS).
If the fire shuts down during use for no apparent reason then several reasons may be suspected. If a door or window has been opened creating a draught, then pilot disturbance could be the problem, and removal of the draught should resolve this.
The fire can then be re-lit in accordance with the previous section. If pilot disturbance is not the cause, then the ODS safety system may be in operation. Switch the appliance OFF, call in your installer to check any ventilation and carry out any remedial work required. DO NOT allow the appliance to be used until the installation is passed as safe.

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7.0 FUEL BED LAYOUT - RIPPED COAL EFFECT

GB IE

This fire is supplied with 15 ceramic ripped coals.
Fit the tapered brick pad into the securing brackets in the upper area of the fire-box. Place the large brick panel against the rear of the firebox.

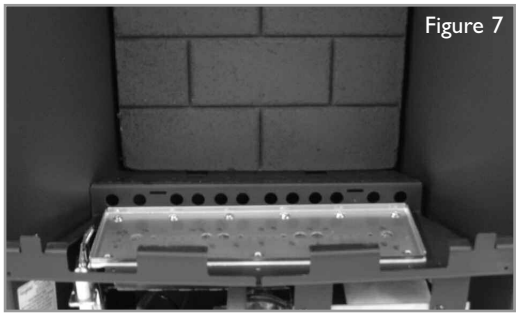
Figure 7

Figure 8

Place the ceramic combustion matrix onto the burner and the ceramic side cheeks onto the matrix.

Place the front row of six coals on to the matrix. Ensure the coals are firmly against the side cheeks as shown in the photo-graph. If necessary, pull the coals forward slightly to ensure their rear edges do not overhang the flame ports. Corners or rough edges MUST NOT be allowed to enter the flame ports. If in any doubt pull the coals as far forward as possible.

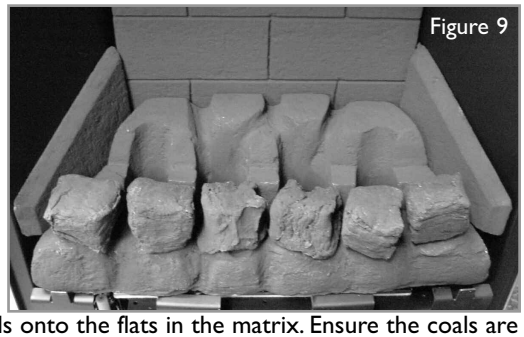
Figure 9

Figure 10

Place the middle row of five coals onto the flats in the matrix. Ensure the coals are not put into the holes in the matrix. Place the two end coals firmly against the side cheeks and back to the steps on the matrix, turning them on to their sides as shown.

Figure 11

Place the rear row of four coals, making sure that the flat sides are firmly against the brick panel and side cheeks as shown.

The coals must not be crammed together, or inserted into the holes in the matrix. A well laid out, generously spaced coal layout will give the best results.

IMPORTANT : The fire is designed to operate correctly with the coals supplied when assembled according to the instructions. Never add to the fifteen coals, or change them for a different type. Never throw rubbish or other matter onto the coal bed.

7.1 FUEL BED LAYOUT - PEBBLE EFFECT

This fire is supplied with 15 ceramic pebbles. The pebbles may vary slightly in size, shape and colour, in order to allow a realistic layout. Fit the tapered brick pad into the securing brackets in the upper area of the firebox. Place the large brick panel against the rear of the firebox.

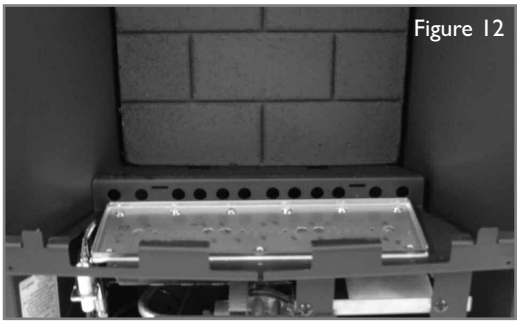
Figure 12

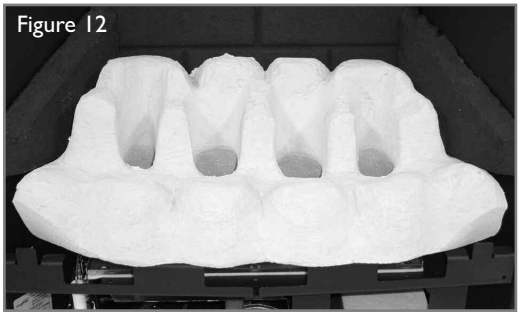
Figure 12

Place the ceramic combustion matrix onto the burner and the ceramic side cheeks onto the matrix.

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7.1 FUEL BED LAYOUT - PEBBLE EFFECT - CONTINUED

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Place the front row of six pebbles on to the matrix. Ensure the pebbles are firmly against the side cheeks as shown in the photograph. If necessary, pull the pebbles forward slightly to ensure their rear edges do not overhang the flame ports. The edges of the pebbles MUST NOT be allowed to enter the flame ports.

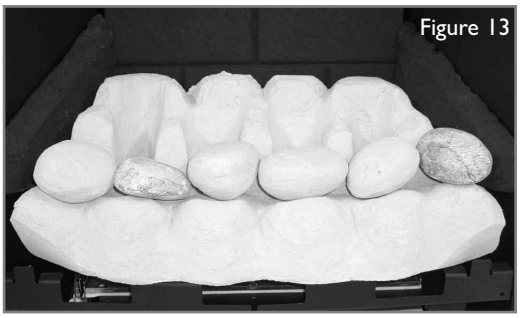
Figure 13

Figure 14

Place the middle row of four pebbles onto the supports in the matrix, over the top of the holes. Ensure the pebbles are not turned sideways, such that they actually enter the holes.

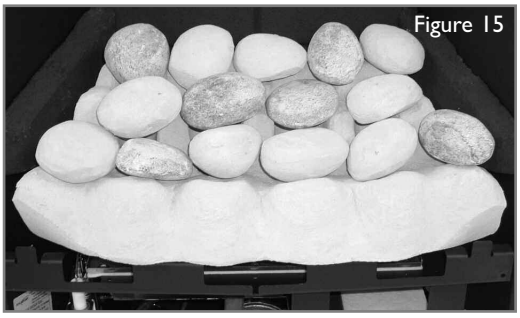
Figure 15

Place the rear row of five pebbles, making sure that the flat sides are firmly against the brick panel and side cheeks as shown. Note: The pebbles must not be crammed together, or inserted into the holes in the matrix. A well laid out, generously spaced pebble layout will give the best results.

IMPORTANT : The fire is designed to operate correctly with the pebbles supplied when assembled according to the instructions. Never add to the fifteen pebbles, or change them for a different type. Never throw rubbish or other matter onto the fuel bed.

Due to the light colour of the pebbles, some discolouration/sooting is to be expected during normal use.

7.2 FUEL BED LAYOUT - ROUNDED COAL EFFECT

This fire is supplied with 11 ceramic moulded coals.
Fit the tapered brick pad into the securing brackets in the upper area of the fire-box. Place the large brick panel against the rear of the firebox.

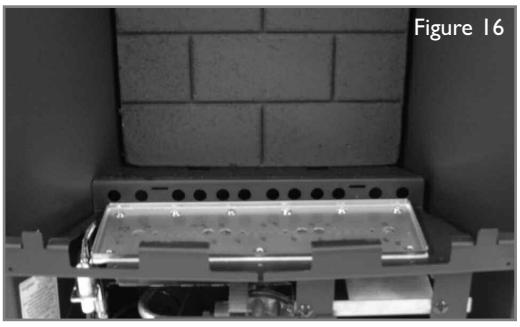
Figure 16

Figure 17

Place the ceramic combustion matrix onto the burner.

Figure 18

Place the front row of five coals on to the matrix. The edges of the coals MUST NOT be allowed to enter the flame ports.

Figure 18

Place the middle row of four coals onto the supports in the matrix, over the top of the holes. Ensure the coals are not turned sideways, such that they actually enter the holes.

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7.2 FUEL BED LAYOUT - ROUNDED COAL EFFECT

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Finally, place the rear row of two coals.

Figure 19

IMPORTANT : The fire is designed to operate correctly with the coals supplied when assembled according to the instructions. Never add to the fifteen coals, or change them for a different type. Never throw rubbish or other matter onto the coal bed.

8.0 SERVICING

The fire and flue should be checked on an annual basis to ensure all of the products of combustion are entering the flue and that there is no excessive build up of soot. The frequency of service will depend on usage, but MUST be carried out at least once annually. Servicing must be carried out by a GAS SAFE registered engineer.
Cleaning of the coals/pebbles may be carried out by following the instructions given in section 9.0 of these instructions. The Installation instructions carry full servicing details for the use of the installer.
If debris from the flue or other foreign matter is found on the fire it may indicate a need for servicing. Do not use the fire until the source of the debris has been found and rectified. Air vents (where fitted) should be checked periodically to ensure they are free from obstruction.

9.0 CLEANING

Before carrying out any of the following operations, ensure that the fire is OFF and completely cold.
FIREFRONT - Any dust accumulating in the firefront may be removed using a vacuum cleaner or dry cloth. Heavy stains may be removed by using a damp cloth and mild household detergent. Brass parts of the firefront may be cleaned using a suitable brass cleaner. Replace the front centrally against the fire after cleaning. Do not use a damp cloth to clean cast iron fronts (Soho, and Finsbury models) as this can cause the fronts to rust.
PAINTED AREAS - These can be cleaned using a dry cloth.
COALS AND CERAMICS - Remove the firefront and place to one side. Remove the ceramic components. Gently clean in the open air. Be careful not to create dust from the coals. Where necessary replace damaged components with genuine spares. Seal scrap components in plastic bags and dispose of at proper refuse sites as directed.
Re-fit the ceramics carefully by referring to section 7.0 of these instructions.

10.0 REPLACING THE BATTERIES (REMOTE CONTROL VERSIONS)

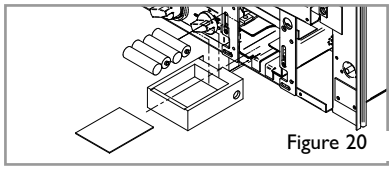
Figure 20

Handset - Remove cover from rear of handset and insert 1 x 'PP3' (9 volt) battery - Replace cover
Appliance - **Ensure appliance is off and cool**. Remove cover from top of receiver box. The cover is protected by reflective foil, and located towards the right hand side, underneath the burner unit. Insert 4 x 'AA' (1.5 volt) batteries - Replace cover.
Ensure appliance is off and cool. The battery is located in the front of the ignition unit, on the right hand side of the burner (shown in figure 20). Unscrew the battery holder cap. Insert 1 x 'AA' (1.5 volt) battery. Replace cap.

10.1 REPLACING THE BATTERIES (SLIDE CONTROL VERSIONS)

Slide control models
Ensure appliance is off and cool. The battery is located in the front of the ignition unit, on the right hand side of the burner (shown in figure 8). Unscrew the battery holder cap. Insert 1 x 'AA' (1.5 volt) battery. Replace cap.

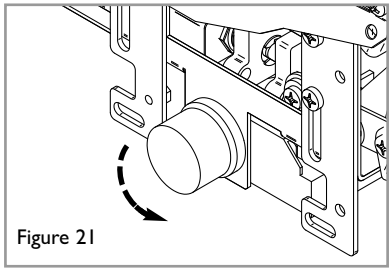
Figure 21

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11.0 LIST OF REPLACEMENT PARTS

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Item	Part number
Pack of 15 Ripped coals	F780094
Pack of 15 Pebbles	F550057
Pack of 11 Moulded coals	F550059
Ceramic fuel bed - Ripped coal models	F780093
Ceramic fuel bed - Pebble models	F780035
Ceramic fuel bed - Moulded coal models	F780034
Rear ceramic tile and rear taper pad - Hotbox models	F550208
Rear ceramic tile - Convector models	F790005
Oxypilot 9090 - Manual, remote control & slide control models	F730057
Gas valve - Manual control models	F730085
Gas valve - Remote control models	F730011
Gas valve - Slide control models	F730067
Injector - Stereo 78 - Manual & Slide control models	F730062
Injector - Stereo 77 - Remote control models	F730047
Burner assembly - complete - Manual control	TRAYSLIM
Burner assembly - complete - Remote control	TRAY 019
Burner assembly - complete - Slide control	TRAY153
Remote handset and receiver kit	F730003/5

12.0 INSTALLATION DETAILS

Name & contact details of installer :	Supplied by :
Installer GAS SAFE registration No :	Model :
Fire serial No. :	Date installed :

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13.0 SERVICE HISTORY

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Date of service	Serviced by (name):	GAS SAFE No. :	Contact details of Engineer

14.0 GUARANTEE - TERMS AND CONDITIONS

The 3 year guarantee only covers products purchased on or after 1st February 2009. For all gas fires purchased the 3 year guarantee commences from the date of purchase, provided that the following 3 terms and conditions are adhered to:

Registration is not required.
1. For any claim to be made within the 3 years from date of purchase you will be required to provide and supply us with your proof of purchase.
2. Your gas fire must have been commissioned by a CORGI/Gas Safe* registered installer, evidence of which you must provide together with the CORGI/Gas Safe* registration number.
3. Your appliance must have been serviced annually, irrespective of use, by a CORGI/Gas Safe* registered installer, evidence of which must be provided, such as the receipt.

Please note all consumable items such as any ceramics including; coals, pebbles, the matrix, front strips, side cheeks, rear panels and tapered rear panels are not covered by the 3 year guarantee.For all Electric fires purchased the 3 year guarantee commences from the date of purchase, providing that you can supply the proof of purchase. This does not cover consumable items such as pebbles, coals or light bulbs.

Making a claim is easy.
If you wish to make a claim under our 3 year guarantee and all the terms and conditions for your product have been met then please submit the following information for the attention of the 3G Service Department to the address below. Alternatively, you can email or fax.Please note that this does not affect your statutory rights.

Focal Point Fires plc, 3G Service Department, Reid Street, Christchurch, Dorset, BH23 2BT.
Alternatively email: 3g@focalpointfires.co.uk or fax. 01202 499326.

Details required:
1. Name, full address including post code and contact telephone number.
2. Receipt of purchase or credit card statement.
3. Original installers CORGI/Gas Safe* registration number (gas fires only).
4. Annual service receipt for every 12 months (gas fires only).

*Gas Safe Register replaced CORGI as the gas registration body in Great Britain and the Isle of Man on 1st April 2009.

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As our policy is one of continuous improvement and development , we hope therefore you will understand we must retain the right to amend details and/or specifications without prior notice.

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